

IDENTIFYING A SPEAKER USING MARKOV MODELS

Abstract of the Disclosure

In one embodiment, the present invention includes a method of modeling an audio-visual observation of a subject
5 using a coupled Markov model to obtain an audio-visual model; modeling the subject's face using an embedded Markov model to obtain a face model; and determining first and second likelihoods of identification based on the audio-visual model and the face model. The two likelihoods may
10 then be combined to identify the subject.